



Appl. No. : 10/645,001
Title: Mechanism for Mounting a Soil Leveling Device
Inventors : Fink, Jerome T. and Hagman, Rodney L.
Filed : 8/21/2003
GAU: 3671
Examiner: Alexandra K. Pechold
Docket No. : 3286W

Commissioner for Patents
P.O. Box 1450
Alexandria VA 22313-1450

INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.56

Examiner Pechold:

Please find enclosed forms PTO/SB/08A and PTO/SB/08B and copies of noted citations 4 through 9.

In reference to citations 7 through 9. The applicants are disclosing here illustrations of reel mounting systems offered by competitors of the assignee, Krause Plow Corporation, Inc.. The applicants believe that these products were offered for sale prior to one year before the application date of this application.

The applicants' understanding of the devices shown in citations 7-9 is that their general mechanical arrangement is generally similar to the prior Krause design shown in citation 4. That is, the applicants' understanding of the devices of citations 7-9 is that they generally include a carrier arm for supporting a reel (soil leveling device)

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May 7, 2004

INFORMATION DISCLOSURE UNDER 37 CFR 1.56

which is pivotably mounted to a frame and that a spring assembly is also mounted between the carrier arm and the frame thus providing a spring loaded reel. It is the applicants' understanding that these devices usually include a way of adjusting the amount of force applied by the spring in order to adjust the spring loading of the reel. However, it is also the applicants' understanding that the devices of citations 7-9 do not include a connecting link communicating between a spring assembly and a frame where the connecting link may either be locked or released to provide respectively a fixed setting and a floating setting.

A Check for \$180.00 is enclosed herewith to cover the fee for a late submission of an information disclosure statement.

Respectfully Submitted,



5/07/04

Date

Robert O. Blinn
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PTO/SB/17 (10-03)

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FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 180)

Complete if Known

Application Number	10/645,001
Filing Date	8/21/2003
First Named Inventor	Fink, Jerome T.
Examiner Name	Alexandra K. Pechold
Art Unit	3671
Attorney Docket No.	3286W

METHOD OF PAYMENT (check all that apply)

Check Credit card Money Order Other None

Deposit Account:

Deposit Account Number
Deposit Account Name

The Director is authorized to: (check all that apply)

Charge fee(s) indicated below Credit any overpayments
 Charge any additional fee(s) or any underpayment of fee(s)
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Small Entity

Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
1001 770	2001 385	Utility filing fee	<input type="text"/>
1002 340	2002 170	Design filing fee	<input type="text"/>
1003 530	2003 265	Plant filing fee	<input type="text"/>
1004 770	2004 385	Reissue filing fee	<input type="text"/>
1005 160	2005 80	Provisional filing fee	<input type="text"/>
SUBTOTAL (1)			<input type="text"/>

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

		Extra Claims	Fee from below	Fee Paid
Total Claims		-20** = <input type="text"/>	<input type="text"/> X <input type="text"/> = <input type="text"/>	<input type="text"/>
Independent Claims		- 3** = <input type="text"/>	<input type="text"/> X <input type="text"/> = <input type="text"/>	<input type="text"/>
Multiple Dependent			<input type="text"/> = <input type="text"/>	<input type="text"/>

Large Entity Small Entity

Fee Code (\$)	Fee Code (\$)	Fee Description
1202 18	2202 9	Claims in excess of 20
1201 86	2201 43	Independent claims in excess of 3
1203 290	2203 145	Multiple dependent claim, if not paid
1204 86	2204 43	** Reissue independent claims over original patent
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent
SUBTOTAL (2)		<input type="text"/>

**or number previously paid, if greater; For Reissues, see above

3. ADDITIONAL FEES

Large Entity Small Entity

Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
1051 130	2051 65	Surcharge - late filing fee or oath	<input type="text"/>
1052 50	2052 25	Surcharge - late provisional filing fee or cover sheet	<input type="text"/>
1053 130	1053 130	Non-English specification	<input type="text"/>
1812 2,520	1812 2,520	For filing a request for ex parte reexamination	<input type="text"/>
1804 920*	1804 920*	Requesting publication of SIR prior to Examiner action	<input type="text"/>
1805 1,840*	1805 1,840*	Requesting publication of SIR after Examiner action	<input type="text"/>
1251 110	2251 55	Extension for reply within first month	<input type="text"/>
1252 420	2252 210	Extension for reply within second month	<input type="text"/>
1253 950	2253 475	Extension for reply within third month	<input type="text"/>
1254 1,480	2254 740	Extension for reply within fourth month	<input type="text"/>
1255 2,010	2255 1,005	Extension for reply within fifth month	<input type="text"/>
1401 330	2401 165	Notice of Appeal	<input type="text"/>
1402 330	2402 165	Filing a brief in support of an appeal	<input type="text"/>
1403 290	2403 145	Request for oral hearing	<input type="text"/>
1451 1,510	1451 1,510	Petition to institute a public use proceeding	<input type="text"/>
1452 110	2452 55	Petition to revive - unavoidable	<input type="text"/>
1453 1,330	2453 665	Petition to revive - unintentional	<input type="text"/>
1501 1,330	2501 665	Utility issue fee (or reissue)	<input type="text"/>
1502 480	2502 240	Design issue fee	<input type="text"/>
1503 640	2503 320	Plant issue fee	<input type="text"/>
1460 130	1460 130	Petitions to the Commissioner	<input type="text"/>
1807 50	1807 50	Processing fee under 37 CFR 1.17(q)	<input type="text"/>
1806 180	1806 180	Submission of Information Disclosure Stmt	<input type="text"/>
8021 40	8021 40	Recording each patent assignment per property (times number of properties)	<input type="text"/>
1809 770	2809 385	Filing a submission after final rejection (37 CFR 1.129(a))	<input type="text"/>
1810 770	2810 385	For each additional invention to be examined (37 CFR 1.129(b))	<input type="text"/>
1801 770	2801 385	Request for Continued Examination (RCE)	<input type="text"/>
1802 900	1802 900	Request for expedited examination of a design application	<input type="text"/>
Other fee (specify) _____			<input type="text"/>
*Reduced by Basic Filing Fee Paid			<input type="text"/>
SUBTOTAL (3)			(\$ 180)

(Complete if applicable)

Name (Print/Type)	Robert O. Blinn	Registration No. (Attorney/Agent)	36,751	Telephone	3167733270
Signature				Date	5/7/2009

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ABENAR Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 2

<i>Complete if Known</i>	
Application Number	10/645,001
Filing Date	08/21/2003
First Named Inventor	Fink
Art Unit	3671
Examiner Name	Alexandra K. Pechold
Attorney Docket Number	3286W

U. S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

Examiner
Signature _____ Date
Considered _____

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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PTO/SB/08B (08-03)
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Substitute for PTO-1449/PTO

Complete if Known

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 2

of 2

Attorney Docket Number 3286W

Application Number	10/645,001
Filing Date	08/21/2003
First Named Inventor	Fink
Art Unit	3671
Examiner Name	Alexandra K. Pechold

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	4	Page 4 from Krause Plow Corporation's Operating Instructions dated October 2000 showing assignee's prior reel mechanism. See note 4 in upper right.	
	5	Pages 8 and 9 from a DMI owner's manual dated February 2001. Attention is directed to the Figure on page 8 and Figures 2 and 3 on page 9.	
	6	Excerpt from literature by Wil-Rich Manufacturing of Wahpeton, ND showing a basket assembly having a quick release mechanism. Date believed to be prior to 08/21/2002.	
	7	Advertising literature by Remlinger Mfg. Co., showing basket assembly with "spring adjustable arms", Apparatus shown believed to be on sale prior to 8/21/02.	
	8	Great Plains Mfg., Inc. Brochure, Page 17, Believed to be dated August 2001, See picture at lower right of "spring loaded reel".	
	9	John Deere sales brochure entitled Seedbed Tillage believed to be published in October of 2001, Page 23. See "3-bar spike-tooth harrow with rolling basket" at top of page.	

Examiner Signature	Date Considered
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

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